

CLAIMS

1. A fluidized bed boiler furnace comprising two hearths (2, 3) separated by a divider (1) in the bottom portion of the furnace, and at least one panel (6) of heat
5 exchange tubes, the furnace being characterized in that the panel of tubes is disposed vertically above said divider and perpendicularly to the longitudinal direction (A) of said hearths.
- 10 2. The furnace of claim 1, comprising a row of panels (6) of tubes spaced regularly from one another along said longitudinal direction.
3. The furnace of claim 1 or claim 2, in which the tubes
15 forming a panel (6A) extend the tubes forming the divider.
4. The furnace of claim 1 to 3, comprising alternating
20 panels (6A) whose tubes extend the tubes forming the divider, and panels (6B) whose tubes are connected to a manifold (8) disposed within the divider.
5. The furnace according to any one of claims 1 to 4,
25 including a ceiling (7) to which each panel (6, 6A, 6B) of tubes is secured in such a manner that the panel of tubes can be put into traction between the divider and the ceiling of the furnace.